

Hamgram

Newsletter of the Winona Amateur Radio Club, Inc. Sep 2007

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Meeting Reminder

The September meeting of the Winona Amateur Radio Club, Inc. will be held on Thursday, September 20, 2007 in the lower conference room of the Courthouse Annex. The meeting will begin at 1900.

Minutes of the August 16, 2007 meeting of the WARC

The program for this month's meeting consisted of two videos; (1) a video and discussion of the emergency drill held on August 4, 2007 and (2) a training video on the topic of antennas and transmission lines.

The emergency drill video was put together from images that were transmitted live by Russ (NØQK) from the drill site to the EOC via amateur radio fast scan television. Russ produced the video and facilitated a very interesting discussion of the drill.

The training video was provided by Tony (WØIU) and was produced by General Electric to educate their two-way radio marketing people in two-way radio communications systems design.

The business meeting was called to order at 2000.

Old Business

Ken Spittler (NØJP) was elected Member At Large for the second half of this year (July 01-December 31).

New Business

Tony (WØIU) will provide treats for the September meeting.

Len (KCØRSX) will serve as the publicity person for the club.

The business portion of the meeting was adjourned at 2016.

Respectfully submitted,

Leslie D. Hittner

Leslie Hittner, Secretary

Attendance:

Jim, KBØTHN	Les, KØBAD	Russ, NØQK
Terry, WØEUU	Tom, WØMK	Dick,
WØRIF		
Len, KCØRSX	Clare, KØNY	Lance, KBØYJU
Ken, NØJP	Tony, WØIU	

Test Your Amateur Radio Knowledge

Len Litvan, KCØRSX

The following are from the FCC exam pool—Technician, General and Amateur Extra.

- 1. What does an inductor do?**
 - A. It stores energy electrostatically and opposes a change in voltage
 - B. It stores energy electrochemically and opposes a change in current
 - C. It stores energy electromagnetically and opposes a change in current
 - D. It stores energy electromechanically and opposes a change in voltage
- 2. What is one way to determine if the maximum usable frequency (MUF) is high enough to support 28-MHz propagation between your station and western Europe?**
 - A. Listen for signals on a 10-meter beacon frequency
 - B. Listen for signals on a 20-meter beacon frequency
 - C. Listen for signals on a 39-meter broadcast frequency
 - D. Listen for WWVH time signals on 20 MHz
- 3. How many turns will be required to produce a 1-mH inductor using a ferrite toroidal core that has an inductance index (A L) value of 523 millihenrys/1000 turns?**
 - A. 2 turns
 - B. 4 turns
 - C. 43 turns
 - D. 229 turns

Answers to Exam Pool Questions:

#1 - (C); #2 - (A) #3 - (C)

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Dues: \$25.00 per calendar year per license holder.
\$30.00 per calendar year for all licensed members of the same family within the same household.

Dues should be sent to: Richard Kolter, Treasurer

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Board meetings are announced in advance (WEPNet)

VHF/UHF contesting is different

Les, KØBAD

I participated in my first ever VHF/UHF/Microwave contest this month. That world of contesting is quite different from the extremely competitive HF contests on crowded bands. During this contest weekend (I was only able to operate on two meters SSB/CW) the operation was laid back and friendly. Base stations worked "rovers" who moved about the country. Upon making a contact on two meters the stations would move on to other bands in a coordinated effort to make contacts on 50 MHz, 222 MHz, 432 MHz, and higher.

I was able to operate only for a few hours on Sunday and I had a ball. The band was lousy – no long skip. Contacts within 150 miles were easy. Signals were strong. Contacts over paths of 150-400 miles were possible but more difficult. All-in-all, I worked 17 Grid Squares in 28 QSOs from Warren, MN to Warren, MI and from Holliday, MO to Ft. Wayne, IN with 60 watts.

Now I gotta get on more bands...

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